DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 10008025-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EFFICIENT COMPILATION OF FAMILY OF RELATED FUNCTIONS				
the specification of which	ch is attached hereto unles	s the following box is c	hecked:	
•	() was filed on as US Application No. or PCT International Application			
	and was ame			
including the claims, as disclose all information w Foreign Application(s) and/or C	amended by any amendm hich is material to patenta laim of Foreign Priority	ent(s) referred to abov bility as defined in 37 (
inventor(s) certificate listed bel-	ow and have also identified below application on which priority is c	w any foreign application for	any foreign application(s) for patent or patent or inventor(s) certificate having	
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119	
			YES: NO:	
			YES: NO:	
Provisional Application I hereby claim the benefit unde	er Title 35, United States Code S	Section 119(e) of any United	States provisional application(s) listed	
	APPLICATION NUMBER	FILING DATE		
7.				
U. S. Priority Claim				
Insofar as the subject matter of manner provided by the first pa information as defined in Title 3	f each of the claims of this appli aragraph of Title 35, United Stat	cation is not disclosed in the es Code Section 112, I ackr Section 1.56(a) which occur	States application(s) listed below and, e prior United States application in the nowledge the duty to disclose material red between the filing date of the prior	
APPLICATION NUMBER	FILING DATE		patented/pending/abandoned)	
APPLICATION NUMBER	FILING DATE		patented/pending/abandoned)	
APPLICATION NUMBER	FILING DATE		oat ent ed/pending/abandoned)	
APPLICATION NUMBER	FILING DATE		oatented/pending/abandoned)	
POWER OF ATTORNEY: As a named inventor, I hereby		STATUS (p	ecute this application and transact all	
POWER OF ATTORNEY: As a named inventor, I hereby	appoint the following attorney emark Office connected therewit	STATUS (p		
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trad	appoint the following attorney lemark Office connected therewith umber 022879	(s) and/or agent(s) to prosent: Place Customer Number Bar Code	ecute this application and transact all ne Calls To:	
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trad Customer Nu Send Correspondence to: HEWLETT-PACKARD COMF Intellectual Property Adminis P.O. Box 272400 Fort Collins, Colorado 8052 I hereby declare that all s made on information and with the knowledge that imprisonment, or both, u	pappoint the following attorney emark Office connected therewith the following attorney emark Office connected therewith the following attorney emark Office connected therewith the following attorney is attements made herein of the following attorney is attement to be attempted to be a	(s) and/or agent(s) to prosent: Place Customer Number Bar Code Label here	ne Calls To: , Jr. are true and that all statements it these statements were made ade are punishable by fine or ates Code and that such willful	
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trad Customer Nu Send Correspondence to: HEWLETT-PACKARD COMF Intellectual Property Adminis P.O. Box 272400 Fort Collins, Colorado 8052 I hereby declare that all s made on information and with the knowledge that imprisonment, or both, u	pappoint the following attorney lemark Office connected therewith sumber 022879 PANY stration 27-2400 Statements made herein of the belief are believed to be at willful false statement ander Section 1001 of Title pardize the validity of the	(s) and/or agent(s) to prosent: Place Customer Number Bar Code Label here	ne Calls To: , Jr. are true and that all statements it these statements were made ade are punishable by fine or ates Code and that such willful ent issued thereon.	
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trad Customer Nu Send Correspondence to: HEWLETT-PACKARD COMF Intellectual Property Adminis P.O. Box 272400 Fort Collins, Colorado 8052 I hereby declare that all smade on information and with the knowledge that imprisonment, or both, u false statements may jeo Full Name of Inventor: Peter	pappoint the following attorney lemark Office connected therewith sumber 022879 PANY stration 27-2400 Statements made herein of the belief are believed to be at willful false statement ander Section 1001 of Title pardize the validity of the	(s) and/or agent(s) to prose h: Place Customer Number Bar Code Label here Direct Telepho Lloyd E. Dakin (650) 857-229 f my own knowledge age true; and further that is and the like so mage 18 of the United Stapplication or any pate	ne Calls To: , Jr. are true and that all statements it these statements were made ade are punishable by fine or ates Code and that such willful ent issued thereon.	
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trad Customer Nu Send Correspondence to: HEWLETT-PACKARD COMF Intellectual Property Adminis P.O. Box 272400 Fort Collins, Colorado 8052 I hereby declare that all smade on information and with the knowledge that imprisonment, or both, u false statements may jeo Full Name of Inventor: Peter Residence: 160 Post Office Address: 160	pappoint the following attorney temark Office connected therewith the particular of the particular of the particular of the particular of the markstein the particular of the particular of the markstein the particular of th	(s) and/or agent(s) to prose h: Place Customer Number Bar Code Label here Direct Telepho Lloyd E Dakin (650) 857-229 f my own knowledge age true; and further that is and the like so may e 18 of the United Stapplication or any pate Citizenship: USCA 94062 CA 94062	ne Calls To: , Jr. are true and that all statements it these statements were made ade are punishable by fine or ates Code and that such willful ent issued thereon.	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10008025-1

	Full Name of # 2 joint inventor:	James THOMAS		Citizenship: US
	Residence;	517 Hendon Court, Sunnyvale, CA	94087	
	Post Office Address:	517 Hendon Court, Sunnyvale, CA	94087	
	Inventor's Signature		ate	
	Full Name of # 3 joint inventor:	Kevin CROZIER		Citizenship: US
	Residence:	999 Wisteria Terrace, Sunnyvale, C	A 940	86
	Post Office Address:	999 Wisteria Terrace, Sunnyvale, C	A 940	86
	Inventor's Signature		ate	
	Full Name of # 4 joint inventor:			Citizenship:
	Residence:			
	Post Office Address:			
	Full Name of # 4 joint inventor: Residence: Post Office Address: Inventor's Signature	D	ate	
	Full Name of # 5 joint inventor:			Citizenship:
The state of	Residence:			
70	Post Office Address:			
	Inventor's Signature	D	ate	
	Full Name of # 6 joint inventor:			Citizenship:
	Residence:			
	Post Office Address:			
	Inventor's Signature		ate	
	Full Name of # 7 joint inventor:			Citizenship:
	Residence:			
	Post Office Address:			
	Inventor's Signature		Date	
	Full Name of # 8 joint inventor:			Citizenship:
	Residence:			
	Post Office Address:			
	Inventor's Signature)ate	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY	DOCKET	NO.	100080	25-1
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As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EFFICIENT COMP		FAMILY OF RELATED	FUNCTIONS		
the specification of	of which is	attached hereto unless	the following box is	checked:	
() was filed	on	as US Ap	plication No. or PCT I	nternational Ar	plication
Number_		and was amer	nded on	(if applica	ible).
including the clain	ns, as amer	viewed and understoo nded by any amendme is material to patental	ent(s) referred to above	ve. Lacknowle	ed specification, edge the duty to
inventor(s) certificate I	priority benefit	f Foreign Priority is under Title 35, United St d have also identified below ation on which priority is cla	any foreign application for	any foreign applic patent or invento	ation(s) for patent or r(s) certificate having
COUNTRY		APPLICATION NUMBER	DATE FILED	PRIORITY CLAIME	UNDER 35 U.S.C. 119
				YES:	NO:
				YES:	NO:
Provisional Application			-1		
hereby claim the ben below:	efit under Title	35, United States Code Se	ection 119(e) of any United	d States provisions	al application(s) listed
The second secon		APPLICATION NUMBER	FILING DATE		
•					
3					
U. S. Priority Claim					
information as defined application and the nati	onal or PCT int	de of Federal Regulations, S ernational filing date of this	application:	rred between the f	
				, , , , , , , , , , , , , , , , , , , ,	
business in the Patent a	I hereby appo and Trademark	int the following attorney(s	s) and/or agent(s) to pros : Place Customer	ecute this applica	tion and transact all
Custo	mer Number	022879	Number Bar Code Label here		
Send Corresponden	00 10:				
HEWLETT-PACKAR			Direct Telepho	ille Calls 10;	
Intellectual Property	Administration	1	Lloyd E. Dakin	ı, Jr.	
P.O. Box 272400 Fort Collins, Colorad	do 80527-240	0	(650) 857-22	95	
made on informati with the knowled imprisonment, or b	on and bel ge that wil ooth, under	nents made herein of ief are believed to be Iful false statements Section 1001 of Title te the validity of the a	true; and further that and the like so ma 18 of the United Sta	it these statem ade are punish ates Code and	nents were made nable by fine or that such willful
Full Name of Inventor:	Peter MARI	KSTEIN	Citizenship: US	S	
Residence:	160 Redla	nd Road, Woodside, C	A 94062		
Post Office Address:	160 Redla	nd Road, Woodside, C	CA 94062		
Inventor's Signature			Date	<u> </u>	

Rev 06/01 (DecPwr)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10008025-1

	Full Name of # 2 joint inventor	: James THOMAS		Citizenship: US
	Residence:	517 Hendon Court, Sunnyvale, CA	94087	
	Post Office Address:	517 Hendon Court, Sunnyvale, CA	94087	
	Inventor's Signature	Dat	te	
	Full Name of # 3 joint inventor:	Kevin CROZIER		Citizenship: US
	Residence:	999 Wisteria Terrace, Sunnyvale, CA		
ı	Post Office Address:	999 Wisteria Terrace, Sunnyvale, CA	9408	6
,	Inventor's Signature	que	9/18	7/01
•	inventor a dignature	Dat	te	
pays.				
. Fi	Full Name of # 4 joint inventor:			Citizenship:
e les	Residence:		<u></u>	
	Post Office Address:			
	nventor's Signature	Dat	e	
_	Full Name of # 5 joint inventor:		(Citizenship:
	Residence:			
L	Post Office Address: .			
Q M				
i i	nventor's Signature	Dat	e	
ı	Full Name of # 6 joint inventor:		(Citizenship:
1	Residence:			
I	Post Office Address:		1.7.V	
ī	nventor's Signature		_	
		Dat	e	
	Full Name of # 7 joint inventor:			Cilina makila.
	Residence:		······································	Citizenshi <u>p:</u>
	·	····		
,	Post Office Address:			
1	nventor's Signature	Dat	te	
ı	Full Name of # 8 joint inventor:			Citizenship:
	Residence:			
F	Post Office Address:			
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T	nventor's Signature	Dat	e	

Page 1 of 2

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY	DOCKET	NO.	1000	8025-1
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As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	a patent is sought on the invention entitled: EFFICIENT COMPILATION OF FAMILY OF RELATED FUNCTIONS					
. •	the specification of which is attached hereto unless the following box is checked:					
	() was filed on as US Application No. or PCT International Application					
	Number and was amended on (if applicable).					
(I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. Foreign Application(s) and/or Claim of Foreign Priority					
l i	I hereby claim foreign priority benefi inventor(s) certificate listed below a a filing date before that of the applic	its under Title 35, United State	ov toreign application to	any foreign applica r patent or inventor	tion(s) for patent or (s) certificate having	
	COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED	UNDER 35 U.S.C. 119	
				YES:	NO:	
I	Provisional Application			YES:	NO:	
	hereby claim the benefit under Titl below:	e 35, United States Code Sect APPLICATION NUMBER	on 119(e) of any United	d States provisional	application(s) listed	
inger E						
				-		
	J. S. Priority Claim hereby claim the benefit under Titl	e 35, United States Code, Sec	tion 120 of any United	States application(s	s) listed below and.	
luni	J. S. Priority Claim hereby claim the benefit under Title hasofar as the subject matter of each hanner provided by the first paragra properties of the provided by the first paragra polication as defined in Title 37, Comp	n of the claims of this application of Title 35, United States Code of Federal Regulations, Seconternational filing date of this approximation	on is not disclosed in the code Section 112, I ack ion 1.56(a) which occupilication:	ne prior United State mowledge the duty rred between the fil	es application in the to disclose material ing date of the prior	
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	hereby claim the benefit under Titlesofar as the subject matter of each hanner provided by the first paragration as defined in Title 37, Compplication and the national or PCT in	ph of the claims of this application of Title 35, United States Code of Federal Regulations, Secretariational filing date of this application of the secretarian of t	on is not disclosed in the code Section 112, I ack ion 1.56(a) which occur oplication:	ne prior United State inowledge the duty rred between the fil	es application in the to disclose material ing date of the prior	
	hereby claim the benefit under Tithesofar as the subject matter of each nanner provided by the first paragraph formation as defined in Title 37, Compplication and the national or PCT in APPLICATION NUMBER POWER OF ATTORNEY: It is a named inventor, I hereby approvisiness in the Patent and Trademark Customer Number Send Correspondence to:	ph of the claims of this application of Title 35, United States Code of Federal Regulations, Secretariational filing date of this application of the secretarian of t	con is not disclosed in the code Section 112, I ack ition 1.56(a) which occur ition in the code ition in the code ition in the code ition: STATUS (Place Customer Number Bar Code	ne prior United State chowledge the duty rred between the fil (patented/pending/abandor eccute this applicati	es application in the to disclose material ing date of the prior	
	hereby claim the benefit under Tithesofar as the subject matter of each hanner provided by the first paragraph formation as defined in Title 37, Complication and the national or PCT in APPLICATION NUMBER POWER OF ATTORNEY: As a named inventor, I hereby appropriately a named inventor and Trademark Customer Number Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration	or the claims of this application of Title 35, United States Code of Federal Regulations, Secondernational filing date of this application of Title Date FILING DATE Doint the following attorney(s) of Office connected therewith:	en is not disclosed in the code Section 112, I ack item 1.56(a) which occur in plication: STATUS (and/or agent(s) to prose the code code code code code code code cod	ne prior United State mowledge the duty rred between the file (patented/pending/abandon secute this application one Calls To:	es application in the to disclose material ing date of the prior	
	hereby claim the benefit under Tithesofar as the subject matter of each nanner provided by the first paragraph formation as defined in Title 37, Compplication and the national or PCT in APPLICATION NUMBER POWER OF ATTORNEY: It is a named inventor, I hereby approvisiness in the Patent and Trademark Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY	or the claims of this application of Title 35, United States Code of Federal Regulations, Secretariational filing date of this application of Title 35, United States Conternational Filing DATE Soint the following attorney(s) of Office connected therewith:	en is not disclosed in the code Section 112, I ack sion 1.56(a) which occur oplication: STATUS (Place Customer Number Bar Code Label here	ne prior United State mowledge the duty rred between the file patented/pending/abandor secute this applicatione Calls To:	es application in the to disclose material ing date of the prior	
THE PAD I I I I I I I I I I I I I I I I I I I	POWER OF ATTORNEY: as a named inventor, I hereby appoursiness in the Patent and Trademark Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration Proof as the subject matter of each part of each part of each part of the patent and Trademark Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400	ph of the claims of this application of Title 35, United States Code of Federal Regulations, Secretarional filing date of this application of the following attorney(s) of Coffice connected therewith: 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Place Customer Number Bar Code Label here Direct Telepho Lloyd E. Dakin (650) 857-229 y own knowledge a ue; and further tha nd the like so ma 8 of the United Sta	pe prior United State mowledge the duty rred between the fill patented/pending/abandor pecute this application one Calls To: a, Jr. 95 are true and the at these statements are punishaltes Code and the movements.	es application in the to disclose material ing date of the prior med) on and transact all tall statements were made eable by fine or that such willful.	
The second of th	POWER OF ATTORNEY: APPLICATION NUMBER COWER OF ATTORNEY: As a named inventor, I hereby apportusiness in the Patent and Trademark Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-240 hereby declare that all state made on information and be with the knowledge that with mprisonment, or both, under	ph of Title 35, United States Copie of Federal Regulations, Secretariational filing date of this application of Title 35, United States Conternational filing date of this application of Title 1 applications application of the following attorney(s) of Coffice connected therewith: To 22879 The content of	Place Customer Number Bar Code Label here Direct Telepho Lloyd E. Dakin (650) 857-229 y own knowledge a ue; and further tha nd the like so ma 8 of the United Sta	pe prior United State moviedge the duty rred between the file patented/pending/abandor pecute this application of the Calls To: a, Jr. 95 are true and that these statements are punishates Code and the pent issued thereof	es application in the to disclose material ing date of the prior med) on and transact all tall statements were made eable by fine or that such willful.	
This is a line of the second o	POWER OF ATTORNEY: APPLICATION NUMBER POWER OF ATTORNEY: As a named inventor, I hereby approvisions in the Patent and Trademark Customer Number Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-240 hereby declare that all state made on information and be with the knowledge that wimprisonment, or both, under alse statements may jeopardicuil Name of Inventor: Peter MAR	ph of Title 35, United States Copie of Federal Regulations, Secretariational filing date of this application of Title 35, United States Conternational filing date of this application of Title 1 applications application of the following attorney(s) of Coffice connected therewith: To 22879 The content of	code Section 112, I ack ion 1.56(a) which occur oplication: STATUS (STATU	pe prior United State moviedge the duty rred between the file patented/pending/abandor pecute this application of the Calls To: a, Jr. 95 are true and that these statements are punishates Code and the pent issued thereof	es application in the to disclose material ing date of the prior med) on and transact all tall statements were made eable by fine or that such willful.	
THE PAD INVITE F	POWER OF ATTORNEY: APPLICATION NUMBER COWER OF ATTORNEY: AS a named inventor, I hereby apprusiness in the Patent and Trademark Customer Number Customer Number Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-240 hereby declare that all state made on information and be with the knowledge that wimprisonment, or both, under alse statements may jeopardicul Name of Inventor: Peter MAR Residence: 160 Redia	ph of Title 35, United States (apply of Title 35, United States (apply of Federal Regulations, Secretary of Filing Date of this application of Title 35, United States (apply of Federal Regulations, Secretary of The Filing Date of this application of Title 1 (apply of Title 1) (a	pon is not disclosed in the code Section 112, I ack item 1.56(a) which occur in polication: STATUS (STA	pe prior United State moviedge the duty rred between the file patented/pending/abandor pecute this application of the Calls To: a, Jr. 95 are true and that these statements are punishates Code and the pent issued thereof	es application in the to disclose material ing date of the prior med) on and transact all tall statements were made eable by fine or that such willful.	

(Use Page Two For Additional Inventor(s) Signature(s))

Rev 06/01 (DecPwr)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10008025-1

	Full Name of # 2 joint inventor	: James THOMAS	Citizenship: US
	Residence:	517 Hendon Court, Sunnyvale, CA 94	087
	Post Offige Address:	517 Hendon Court, Sunnyvale, CA 94	087
	James Wth	e en ea	9/18/2001
	Inventor's Signature	Date	1/10/2001
	Full Name of # 3 joint inventor	Kevin CROZIER	Citizenship: US
	Residence:	999 Wisteria Terrace, Sunnyvale, CA	
	Post Office Address:	999 Wisteria Terrace, Sunnyvale, CA	94086
	Inventor's Signature	Date	
3	Full Name of # 4 joint inventor:		Citizenship:
	Residence:		
H	Post Office Address: .		
	Inventor's Signature	Date	
as.	Full Name of # 5 joint inventor:		Citizenship:
	Residence:		
117	Post Office Address:		
Ď	Inventor's Signature		
est.	oo.o.o.o.o.o.o.o.o.o.o.o.o.o.o.o	Date	
	- # * * * * * * * * * * * * * * * * * *		
	Full Name of # 6 joint inventor:		Citizenship:
	Residence: _		
	Post Office Address:		
1	nventor's Signature	Date	
		Date	
	Full Name of # 7 joint inventor:		0.00
	Residence:		Citizenship:
	-		
	Post Office Address:		
. 1	nventor's Signature	Date	
ı	Full Name of # 8 joint inventor:		Citizenship:
	Residence:		Orteonomp.
	_		
•	Post Office Address: _		
ī	nventor's Signature	Date	